

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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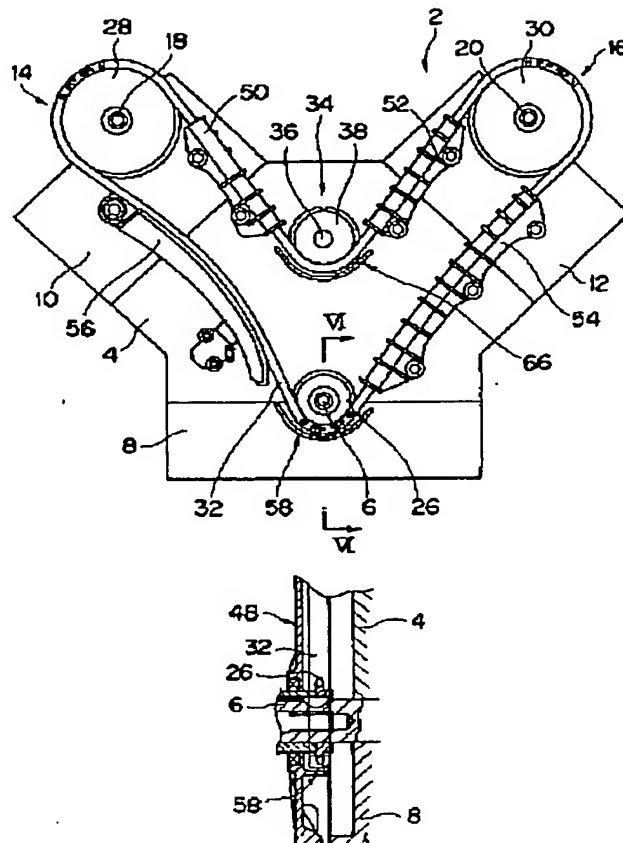
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APPLICANT : SUZUKI MOTOR CORP;

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TITLE : TIMING CHAIN GUIDE



**ABSTRACT :** **PURPOSE:** To obviate to manufacture a special timing chain guide separately and to use its installation bolt by integrally arranging a timing chain guide on a timing chain cover to cover the timing chain.

**CONSTITUTION:** A timing chain 32 is wound around a sprocket 26 of a crankshaft 6, each of sprockets 28, 30 of first and second cam shafts 18, 20 in first and second actuating valve systems 14, 16. The timing chain 32 is covered by a cover 48 and held by each of holders 50-54, and it is stretched by a tensioner 56. Additionally, to prevent the timing chain 32 from falling off downward, a guide 58 is arranged below the sprocket 26. Consequently, it comes to be unnecessary to manufacture a special guide separately and to use an installation bolt, and accordingly, it is possible to reduce the number of part items and to curtail installation manday.

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